

APPARATUS, SYSTEM AND METHOD FOR CAPTURING SOUND

ABSTRACT OF THE INVENTION

A sound capture device efficiently and accurately converts sound pressure waves forming a sound signal into an electrical signal. Power signals are received on a supply conductor while electrical signals are transmitted through a signal conductor. A multiple stage amplifier is co-located with the transducer and amplifies the electrical signal prior to transmission through a transmission interface housing the signal conductor. Multiple transducers can be used at a separation distance in accordance with sound travel around a human head to increase phase information of the captured sound.

[illegible]